Rohit Dadarao Chilhorkar

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EDUCATION

Savitribai Phule Pune University   Jul 2019 - May 2023
Bachelor of Engineering, Computer Engineering, CGPA 9.03   *Pune*

Sri Chaitanya Junior Kalasala   Aug 2017 - May 2019
HSC, 92.1%   *Hyderabad*

EXPERIENCE

Software Engineer   Jul 2023 – Present
Siemens Digital Industries Software(through Pratiti Technologies Private Limited)   *Pune*

- Automated Teamcenter Cloud infrastructure with a **Blue-Green** deployment strategy using **AWS (EC2, RDS, S3), Ansible, and Python.**
- Designed and developed the BG Command Line Tool for clients like **Ebusco**, **BMW**, and **TATA**, consolidating **15** utilities and integrating HashiCorp Vault, strengthening security and cutting down on password management efforts by **40%**.
- As a **Quality Coach**, onboarded projects, increased line coverage to **80%+** across 6 repositories using unittest, fixed critical issues, and improved code quality by **25%** in SonarQube.
- Automated Ansible Tower job status updates in Microsoft Teams using **Webhooks, AWS Lambda, and Python.**

Software Engineer   Jan 2023 – Present
Pratiti Technologies Private Limited   *Pune*

- Developed **Wengar**, an online platform for musicians to collaborate and practice, using **Java** & **SpringBoot** (backend) and **ReactJS** (frontend).
- Implemented **post** and **comment** functionality, enabling **50+** musicians to interact and share content.
- Integrated **real-time updates** with **WebSockets**, improving user engagement during live sessions.
- Demonstrated platform features to clients **5+** times, resulting in a **30%** improvement in collaboration and engagement.

PROJECTS

CostTrackr | *Python, Boto3, AWS Amplify, HTML, CSS, JavaScript*   Jan 2023 - Feb 2023

- Monitored **10+** environments, displaying real-time cost and resource usage to optimize AWS spending.
- Integrated automated scheduling to start/stop resources, reducing idle costs by **30%**.
- Stored key environment details with cost alerts for **5+** team members to prevent budget overruns.

ClimaSound | *HTML, CSS, React.js, JavaScript*   Jul 2022 - Jan 2023

- Developed a weather-based music recommendation system that adapts to real-time weather and air quality data.
- Integrated **WeatherAPI** for weather and air quality monitoring, influencing music recommendations based on conditions like temperature, humidity, and air quality index.

ACHIEVEMENTS

- Solved 300+ problems on Leetcode, GFG, and Hackerrank.
- Published a research paper on a sponsored project titled "ClimaSound" in IJCRT.
- 1st Rank in Code-e-Fiesta coding competition.

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript
Frameworks, Libraries & Databases: SpringBoot (MVC), React.js, Boto3, MySQL
Developer Tools: Git, Docker, Postman, GitLab CI, JIRA, SonarQube
Cloud & DevOps: AWS (EC2, RDS, S3, IAM, Lambda), Linux, Ansible, Terraform, ArgoCD, Ansible Tower
Software Development Practices: DSA, OOPS, CI/CD
Monitoring & Analytics: Datadog